Appleton

Cost 40%
[illegible] 33⅓%
Roy 25%

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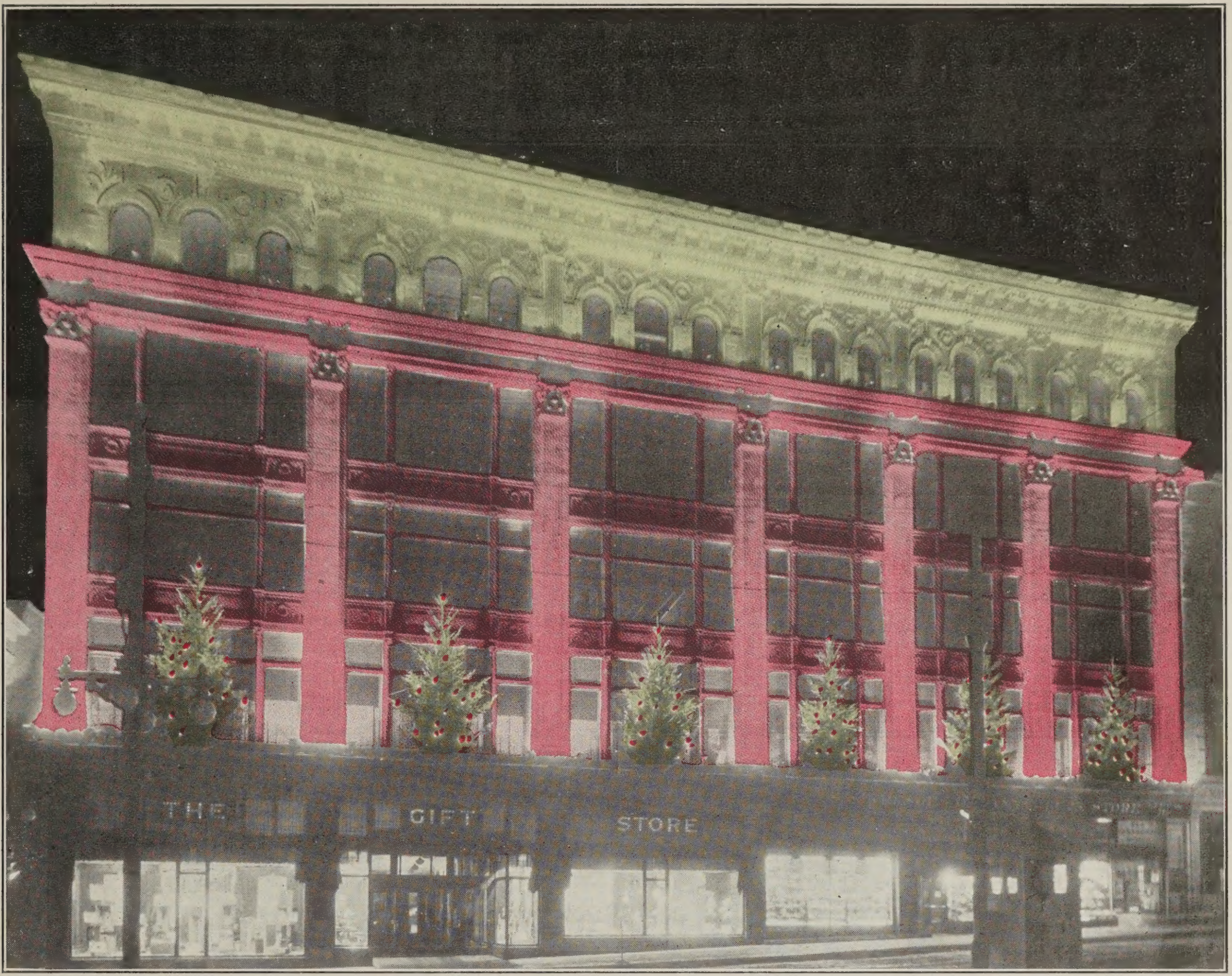
Appleton



Golden Glow projectors illuminate the Porteous, Mitchell & Brawn department store building, Portland, Me.

GOLDEN GLOW
FLOODLIGHTING PROJECTORS

Booklet No. 283

Golden Glow projectors are used to illuminate buildings, service stations, monuments, signs, bill-boards, stacks, water tanks, flower gardens, construction work, coal docks, excavations, industrial and railroad yards, oil fields, bathing beaches, foot-ball and base-ball fields and other out-door sports, parking spaces, quarries, ship-yards, etc.

ELECTRIC SERVICE SUPPLIES CO. Manufacturer

RAILWAY, POWER AND INDUSTRIAL ELECTRICAL MATERIAL

Home office and plant at 17th and Cambria Sts., PHILADELPHIA; District offices at 111 N Canal St., CHICAGO; 50 Church St., NEW YORK; Bessemer Bldg., Pittsburgh; 88 Broad St., Boston; General Motors Bldg., Detroit; 316 N. Washington Ave., Scranton; Canadian Agents, Lyman Tube and Supply Company, Ltd., Montreal, Toronto, Vancouver, Winnipeg.

Golden Glow Floodlighting Projectors

GENERAL DESCRIPTION

THE term "floodlighting" covers many varied applications of projected light, ranging from the strictly utilitarian lighting of railway freight yards, parking areas, etc., to the beautiful decorative effects obtained by the use of color on some of our modern buildings. While these many applications of projected light are rightfully known as floodlighting, a closer classification can be made.

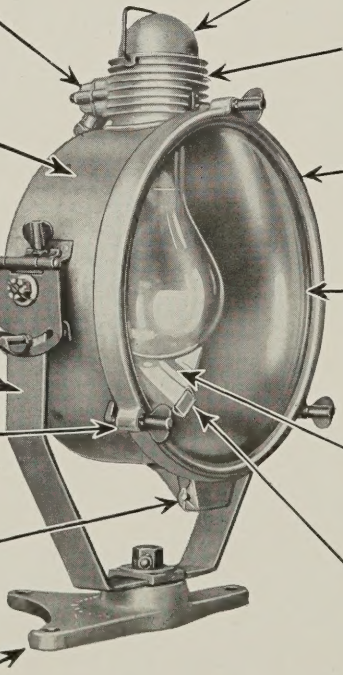
Floodlighting can be grouped into two general classes. The one class—area lighting—includes those floodlighting applications which require that a specified area be lighted to some predetermined intensity and is generally for some strictly commercial purpose such as the lighting of construction work so that nightfall will not necessitate ceasing of operation, the lighting of freight yards so that freight movement may be speeded up over the railroad, etc. In general, area lighting would include: construction work, outdoor sports fields, parking places, railroad yards, storage areas, etc.

The other general class of floodlighting—display lighting—includes installations running from the lighting of a sign on a water tank or stack, to the illumination of large buildings with mobile color effects. This classification would include: buildings, gasoline filling stations, monuments, signs, stacks, water tanks, etc.

Golden Glow projectors offer a complete line of units for carrying out the most elaborate illumination projects. Many prominent larger projects are described and illustrated in our general bulletin No. 260 which will gladly be sent upon request. In the use of floodlighting projectors, however, it is well to bear in mind that the numerous smaller applications of floodlighting can be made most impressive. Floodlighting will greatly enhance a modest piece of architecture because it eliminates from the observer all distracting influences in close proximity and in nearly all cases it is the most economical method of providing illumination. Similarly, small ground areas such as parking spaces are most impressively and economically illuminated when floodlighting projectors are employed.

For many of the smaller projects, such as gas service stations and smaller buildings, such as banks and store fronts the Golden Glow lantern floodlights are employed. These are briefly described on page 8 of this bulletin and are completely listed in bulletin No. 260 and in other special bulletins all of which will be sent upon request.

This bulletin contains a condensed listing of our projectors only and is for general distribution. For complete engineering data and listing of all types of units please request our bulletin No. 260.



Condulet type terminals provided for outside connection and for clamping flexible conduit, making it unnecessary to run line wires into case.

Body is made from one piece, thick pure sheet aluminum, giving maximum heat dissipation and minimum weight.

Index device for returning floodlight to original position after relamping or cleaning, thus avoiding retraining.

Forged steel fork, hot galvanized.

Take-up clamps for front door giving even compression throughout the circle.

Door hinged at bottom with "loose hinge" so as not to cause uneven compression between door and body when clamps are tightened.

Heavy malleable iron base, hot galvanized.

Universal focusing device, readily accessible by simply removing this cap. Provides accurate focusing in all directions.

Focusing device housing provided with fins to assist in radiation of heat.

Door weatherproofed by an asbestos covered rubber gasket under pressure between body and door, and rubber gasket under pressure between glass and door.

Front glass held in position by spring locking ring, avoids necessity of screws and keeps constant pressure against gasket. Spring clips are provided for inserting color screens back of front lens when desired.

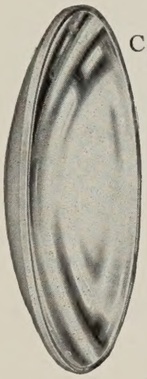
Golden Glow glass mirror reflector which is highly efficient, non-corrosive, easily kept clean and will not scratch; made in four standard sizes, namely, 10-inch, 14-inch, 20-inch and 24-inch diameter.

Reflector held in position by spring clamps, avoiding use of screws and providing resilient mounting to prevent breakage due to temperature changes.

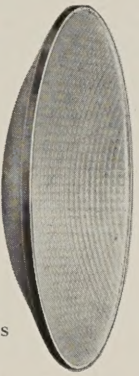
Golden Glow Floodlighting Projectors

GENERAL DESCRIPTION

THE new line of Golden Glow floodlighting projectors covers a complete range of units for standard floodlighting purposes. Various types of projectors may be supplied with 10-inch, 14-inch, 20-inch or 24-inch diameter glass mirror reflectors. The beam characteristics of these projectors may be modified by the use of plain or prismatic type reflectors, plain or diffusing lenses, lamps, color screens, etc. Engineering data giving information necessary in the selection of floodlighting equipment for a definite project is contained in our Bulletin No. 260.



Plain Crystal Glass Reflector

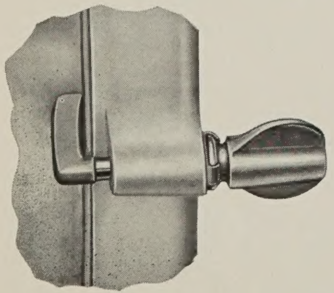


Prismatic Crystal Glass Reflector

This company was the pioneer in the development of the glass reflector, being the first to market glass reflectors for Railroad and Mine Locomotives, Electric Railway Cars, Buses and Floodlighting Projectors. Today this company enjoys leadership in extensive lines of headlight equipment for various fields. This new line of floodlighting projectors, therefore, is backed by twelve years of experience in the manufacture of glass reflectors and methods of housing them.

In the manufacture of crystal glass reflectors, they are first pressed to approximate shape in moulds; while hot the inner-surface of the blank is polished by means of a patented fire blast process, resulting in a finish of exceptional quality. After thorough annealing, the back or reflecting surface is accurately ground and polished by special patented machinery to true parabolic contour. This back surface is then silvered like the finest French plate mirror, this silvering being protected by a heavy copper plating over same, and this heavily coated with a special metallic paint to further protect it from the effects of moisture, gases, temperature or other possible deteriorating influences. They will not tarnish, corrode or scratch and are readily kept clean.

Crystal glass reflectors are furnished as standard in all type A projectors but reflectors of greenish-yellow glass will be supplied when specially ordered. The latter are often desired when the illumination is a working light, as in railroad yards and night construction, etc., or where fog, dust and smoke are factors to be considered.



Clamps, as illustrated, are provided on doors so that even compression against the gaskets and a moisture-proof enclosure is assured. (*Patent Applied For.*)

The bodies or cases of Golden Glow projectors are pressed from one sheet of thick pure sheet aluminum, are totally enclosed and weather-proof. All other body parts such as rivets, bolts and cotter pins are made of non-corrosive material. Front doors are attached by means of a "loose hinge" and take-up clamps, the latter being used to assure even compression of the door against the gasket; the hinge being "loose" so as to permit this. These take-up clamps are of unique design and may be quickly adjusted. Doors are hinged at the bottom so as to permit swinging the door out of the way for cleaning or relamping.

Reflectors are resiliently mounted to prevent breakage from contraction and expansion and are held in position by spring clamps thus avoiding the use of screws and permitting removal without tools.

The lens is held in position in the door by a spring locking arrangement which holds the glass under constant pressure against the gasket and eliminates the use of screws very often used for this purpose.

Glass color screens are snapped into position inside the door without the use of screws or tools. Thus a standard unit can have the color feature added or taken away without any change whatever to the floodlight unit.

Focusing devices are of the Universal type, permitting accurate adjustment in all directions. The focusing mechanism is accessible from the outside and may be adjusted entirely with a screw driver.

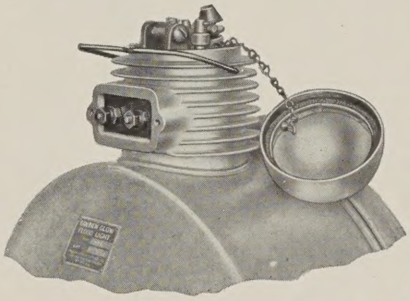


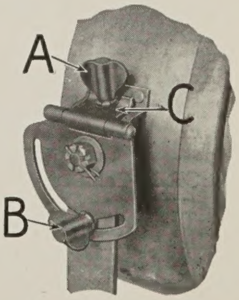
Illustration shows accessibility of Universal focusing device and connection terminals. Condulet attachment has been removed in this illustration.

Connecting wires used inside of case are insulated with asbestos and condulet type of terminal is provided for outside connections and for clamping of flexible conduit, making it unnecessary to run wires into the case.

Bases are made of heavy malleable iron castings, hot galvanized and drilled in accordance with A.R.E.E. specifications. Trunnions are of forged steel, hot galvanized.

An index device is mounted on the trunnion which serves to lock the unit in position after training and also to facilitate relamping or cleaning by permitting the body to be rotated and then returned to the exact original position. This device is standard equipment on the new units and is an important advantage when floodlights are installed in inaccessible locations.

Illustrating operation of the index device. Thumb screw B secures body of projector at desired angle after training. When it is necessary to clean or relamp the projector thumb screw A is unscrewed until hinge C is released, then the body of the unit may be rotated to the necessary angle for cleaning and by a reverse operation again returned to the exact original position.

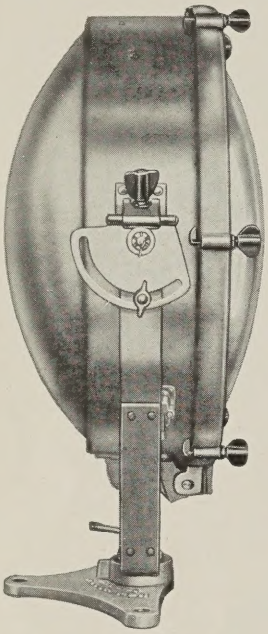


Golden Glow floodlighting projectors in several types and sizes incorporating all of the features before described are listed in detail on the following pages.

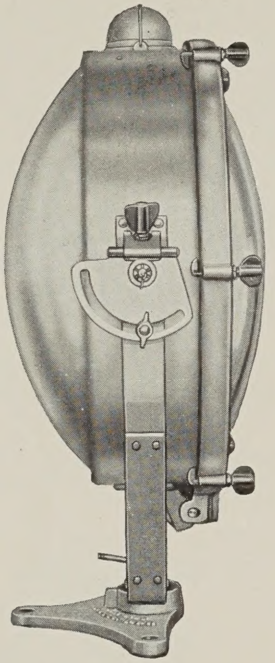
Golden Glow Floodlighting Projectors

TYPE A-2430

24-Inch Reflector, Top or Bottom Focus



No. 29704, Bottom Focus



No. 29000, Top Focus

LAMPS—For projectors with top focusing device.

750 watt, 115 volt, PS-52 bulb, general lighting service, No. 44917
1000 watt, 115 volt, PS-52 bulb, general lighting service, No. 44919
*1500 watt, 115 volt, PS-52 bulb, general lighting service, No. 20573

For projectors with bottom focusing device.

*1000 watt, 115 volt, G-40 bulb, l.c.l. $5\frac{3}{16}$″, Floodlight Service, No. 24414
*1500 watt, 115 volt, G-40 bulb, l.c.l. $5\frac{3}{16}$″, Floodlight Service, No. 29220
*Special unlisted National Mazda lamp.
For prices and other lamp data see page 6.

REFLECTOR—Crystal mirror plain glass reflector, 24-inch diameter, flexibly mounted, readily removed.

FRONT LENS—Heat resisting, curved, moulded lens either plain or Fanlite as listed.

BEAM DIVERGENCE—These projectors when fitted with a PS bulb project a beam of narrow spread. When fitted with a G-40 bulb the beam is highly concentrated. It is essentially for long range lighting. A Fanlite lens may be used to widen the beam.

FOCUSING DEVICE—Universal type mounted in top or bottom, as listed below.

BODY—The body is made of pure sheet aluminum with all associated parts of non-corrosive material, non-ventilated and weatherproof.

MOUNTING—Heavy swiveling trunnion with provision for firmly locking body.

TERMINALS—The terminals are of condulet type so that external leads can be connected to the terminal binding posts from the outside.

VISORS—Color screens, louvres, etc., see page 7.

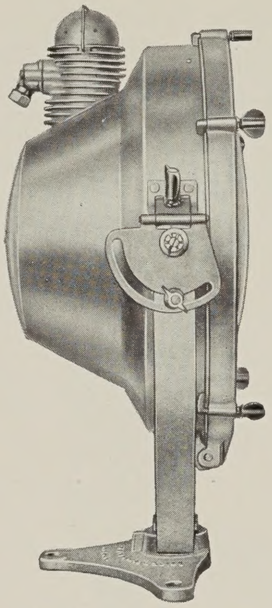
DIMENSIONS—Overall height approx. 37″, overall width 31½″, overall depth 15½″.

Prices do not include incandescent lamps. Weight 98 lbs.

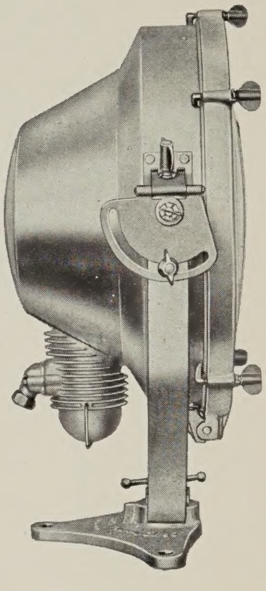
List No.	Reflector	Focusing Device Location	Lens	List Price Each
29000	24″ Plain	Top	Plain	$149.50
29703	24″ Plain	Top	Fanlite Med.	158.50
29704	24″ Plain	Bottom	Plain	149.50
29705	24″ Plain	Bottom	Fanlite Med.	158.50

TYPE A-2016

20-Inch Reflector, Top or Bottom Focus



No. 28113, Top Focus



No. 28121, Bottom Focus

LAMPS—For projectors with top focusing device.

750 watt, 115 volt, PS-52 bulb, general lighting service, No. 44917
1000 watt, 115 volt, PS-52 bulb, general lighting service, No. 44919

For projectors with bottom focusing device.

**500 watt, 115 volt, G-40 bulb, l.c.l. 4¼″, Floodlight Service, No. 22133
*1000 watt, 115 volt, G-40 bulb, l.c.l. $5\frac{3}{16}$″, Floodlight Service, No. 24414
*Special unlisted National Mazda lamp.
**Two extension studs necessary with this lamp.
For prices and other lamp data see page 6.

REFLECTOR—20-inch diameter, composite type, crystal glass plain or prismatic mirror reflector.

BEAM DIVERGENCE—Top focus type projectors when fitted with plain reflector and plain lens project a beam of medium spread. When a prismatic reflector and plain lens are used the beam spread is slightly wider. The beam may be further widened by using a Fanlite lens. Bottom focus type projectors when fitted with plain reflector and plain lens project a beam of narrow spread. With a plain reflector and Fanlite lens the beam spread is wide.

FRONT LENS—Heat resisting, curved, moulded lens, either plain or Fanlite as listed.

COLOR SCREENS—Visors, louvres, etc., see pages 6 and 7.

FOCUSING DEVICE—Universal focusing device mounted in top or bottom as listed below.

DOORS—Made of cast aluminum and fitted with take-up clamps so that the door can be drawn up evenly.

TERMINALS—Condulet type which provide convenient wiring connections from the outside.

DIMENSIONS—Top focus type, overall height 31½″, overall width 28″, overall depth 14¾″. Bottom focus type, overall height 30½″, overall width 28″, overall depth 14¾″. Prices do not include incandescent lamps. Weight 64 lbs.

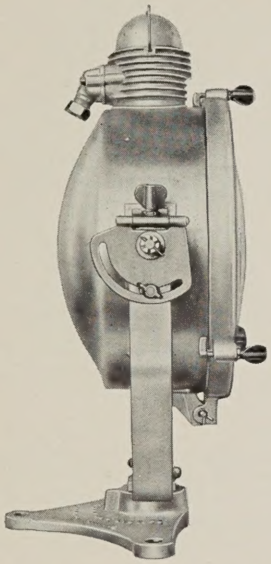
List No.	Lamp Wattage	Reflector	Focusing Device Location	Lens	List Price Each
28113	750–1000	20″ Plain	Top	Plain	$112.00
28658	750–1000	20″ Prismatic	Top	Plain	112.00
28659	750–1000	20″ Plain	Top	Fanlite Med.	118.00
28660	750–1000	20″ Prismatic	Top	Fanlite Med.	118.00
†24401	500	20″ Plain	Bottom	Plain	112.00
†24402	500	20″ Plain	Bottom	Fanlite Med.	118.00
28121	1000	20″ Plain	Bottom	Plain	112.00
28698	1000	20″ Plain	Bottom	Fanlite Med.	118.00
24407	Extension stud and washer for bottom focus type (2 each required)				.60

†These units include extension studs necessary for use of 500 watt lamp.

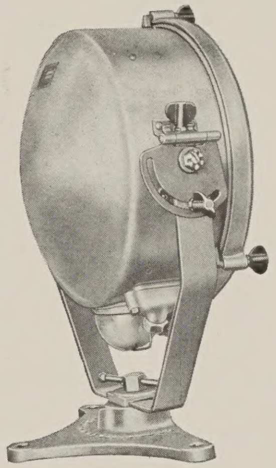
Golden Glow Floodlighting Projectors

TYPE A-1419

14-Inch Reflector, Top or Bottom Focus



No. 27710, Top Focus



No. 27736, Bottom Focus

LAMPS—For projectors with top focusing device.

**500 watt, 115 volt, PS-40 bulb, general lighting service, No 22514
750 watt, 115 volt, PS-52 bulb, general lighting service, No 44917
†1000 watt, 115 volt, PS-52 bulb, general lighting service, No 44919

For projectors with bottom focusing device.

**500 watt, 115 volt, G-40 bulb, l.c.l. 4¼″, Floodlight Service, No. 22133
†*1000 watt, 115 volt, G-40 bulb, l.c.l. $5\frac{3}{16}$″, Floodlight Service, No. 24414
**Two extension studs necessary with this lamp.
*Special unlisted National Mazda lamp.
†This lamp is recommended only in cases where the beam is to remain horizontal or below horizontal.
For prices and other lamp data, see page 6.

REFLECTOR—14-inch diameter crystal glass plain or prismatic mirror reflectors, as listed below.

BEAM DIVERGENCE—Top focus type projectors when fitted with plain reflector and plain lens project a beam of medium spread. When a prismatic reflector and plain lens are used the beam spread is wide. The beam may be further widened by using a Fanlite lens. Bottom focus type projectors when fitted with plain reflector and plain lens project a beam of narrow spread. With a plain reflector and Fanlite lens the beam spread is wide.

FRONT LENS—Heat resisting, curved, moulded lens, either plain or Fanlite as listed.

COLOR SCREENS—Visors, Louvres, etc., see page 7.

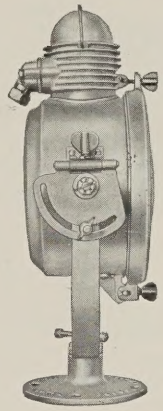
DIMENSIONS—Top focus type, overall height 28⅝″, overall width 20¾″, overall depth 13⅝″. Bottom focus type, overall height 25″, overall width 20¾″, overall depth 13⅝″. Weight, 40 lbs. each. Prices do not include lamps.

List No.	Lamp Wattage	Reflector	Focusing Device Location	Lens	List Price Each
27710	750–1000	14″ Plain	Top	Plain	$62.50
28681	750–1000	14″ Prismatic	Top	Plain	62.50
28713	750–1000	14″ Plain	Top	Fanlite Med.	62.50
28682	750–1000	14″ Prismatic	Top	Fanlite Med.	62.50
†29471	500	14″ Plain	Top	Plain	62.50
†29472	500	14″ Prismatic	Top	Plain	62.50
†29473	500	14″ Plain	Top	Fanlite Med.	62.50
†29474	500	14″ Prismatic	Top	Fanlite Med.	62.50
†27736	500	14″ Plain	Bottom	Plain	62.50
†28679	500	14″ Plain	Bottom	Fanlite Med.	62.50
24403	1000	14″ Plain	Bottom	Plain	62.50
24404	1000	14″ Plain	Bottom	Fanlite Med.	62.50
29202	Extension stud and washer for top focus type (2 each required)..				.60
24407	Extension stud and washer for bottom focus type (2 each required)..				.60

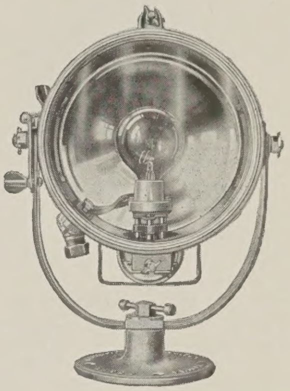
†These units include extension studs necessary for use of 500 watt lamp.

TYPE A-1016

10-Inch Reflector, Top or Bottom Focus



No. 28557, Top Focus



No. 27881, Bottom Focus

LAMPS—For projectors with top focusing device.

**200 watt, 115 volt, PS-30 bulb, general lighting service, No. 44909
300 watt, 115 volt, PS-35 bulb, general lighting service, No. 23356
†500 watt, 115 volt, PS-40 bulb, general lighting service, No. 22514

For projectors with bottom focusing device.

250 watt, 115 volt, G-30 bulb, floodlighting service, No. 28287
*400 watt, 115 volt, G-30 bulb, floodlighting service, No. 29353
**Use adapter No. 44716, see page 6.
*Special unlisted National Mazda lamp (Medium Screw Base).
†This lamp is recommended only in cases where the beam is to remain horizontal or below horizontal.

For prices and other lamp data, see page 6.

REFLECTOR—10-inch diameter, crystal glass plain or prismatic mirror reflector, as listed below.

BEAM DIVERGENCE—Top focus type projectors when fitted with plain reflector and plain lens project a beam of medium spread. When a prismatic reflector and plain lens are used the beam spread is wide. The beam may be further widened by using a Fanlite lens. Bottom focus type projectors when fitted with plain reflector and plain lens project a beam of narrow spread. With a plain reflector and Fanlite lens the beam spread is wide.

FRONT LENS—Heat resisting, curved, moulded lens, either plain or Fanlite as listed below.

COLOR SCREENS,—Visors, Louvres, etc., see pages 6 and 7.

FOCUSING DEVICE—Universal focusing device mounted in top or bottom as listed below, accessible and provides accurate adjustment in all directions.

BODY—Pure sheet aluminum and mounted on forged swiveling steel trunnion pivoted on malleable base.

INDEX DEVICE—Provided as standard equipment to lock unit after training and to eliminate necessity of re-training when cleaning or re-lamping.

DOORS—Made of cast aluminum and fitted with take-up clamps so that the door can be drawn up evenly.

TERMINALS—Condulet type which provide convenient wiring connections from the outside.

DIMENSIONS—Top focus type, overall height 22¼″, overall width 14¾″, overall depth 9″. Bottom focus type, overall height 18¾″, overall width 14¾″, overall depth 8″.

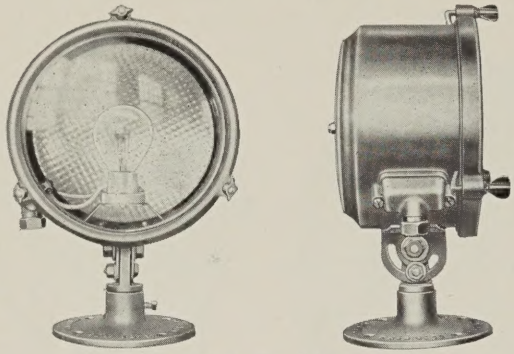
Prices do not include incandescent lamps.

List No.	Reflector	Focusing Device Location	Lens	Approx. Wgt. Lbs.	List Price Each
28557	10″ Plain	Top	Plain	20	$34.00
28692	10″ Prismatic	Top	Plain	20	34.00
28694	10″ Plain	Top	Fanlite Med	20	34.00
28693	10″ Prismatic	Top	Fanlite Med.	20	34.00
27881	10″ Plain	Bottom	Plain	20	34.00
28699	10″ Plain	Bottom	Fanlite Med.	20	34.00

Golden Glow Floodlighting Projectors

TYPE A-1016

10-Inch Reflector, Bottom Fixed Focus



No. 28105, Fixed Focus

LAMPS—Unit with fixed focus at bottom.
250 watt, 115 volt, G-30 bulb, floodlighting service, No. 28287
*400 watt, 115 volt, G-30 bulb, floodlighting service, No. 29353
*Special unlisted National Mazda lamp (Medium Screw Base).
See listing of lamps on this page.

REFLECTOR—10-inch diameter, crystal glass prismatic mirror reflector.

BEAM DIVERGENCE—These projectors when fitted with prismatic reflector and plain lens project a beam of wide spread. A more diffused beam is secured by using a Fanlite lens.

FRONT LENS—Heat resisting, curved, moulded lens, either plain or Fanlite.

COLOR SCREENS—Visors, Louvres, etc., see listing on following page.

FIXED FOCUS—No focusing device is provided, the socket being located so that reasonably accurate focus is secured if lamps as specified, are used.

BODY—Pure sheet aluminum and mounted on special base which provides adjustment in all directions.

DOORS—Made of cast aluminum without hinge but fitted with take-up clamps so that the door can be drawn up evenly.

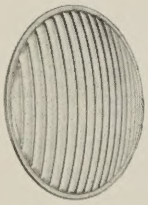
TERMINALS—Condulet type which provide convenient wiring connections from the outside.

DIMENSIONS—Overall height 16⅜″, overall width 12⅛″, overall depth 8⅞″.

Prices do not include incandescent lamps.

List No.	Reflector	Lens	Approx. Wgt. Lbs.	List Price Each
28105	10″ Prismatic	Plain	14½	$29.50
28704	10″ Prismatic	Fanlite Med.	14½	29.50

LENSES

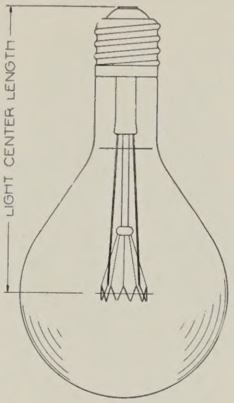


Clear glass lenses listed below are designed for use with Golden Glow floodlights and are made from specially annealed moulded heat-resisting glass.

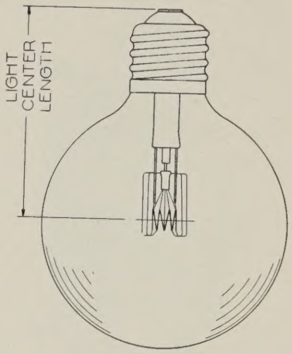
Fanlite medium angle lenses as illustrated are for use where a greater spread of beam is desired and are interchangeable with the standard plain lenses.

List No.		Approximate O. D.	List Price Each
	For Type FLA-2430 Floodlights		
28930	Clear curved moulded lens	25½″	$32 50
27518	Clear Fanlite moulded medium angle lens	25½″	41.50
	For Type A-2016 Floodlights		
28545	Curved moulded lens, plain clear	22″	13.50
28652	Curved moulded lens, Fanlite medium angle, clear	22″	19.50
	For Type A-1419 Floodlights		
28598	Curved moulded lens, plain clear	16″	7.00
28683	Curved moulded lens, Fanlite medium angle, clear	16″	7.00
	For Type A-1016 Floodlights		
18691	Curved moulded lens, plain clear	10¾″	3.30
28680	Curved moulded lens, Fanlite medium angle, clear	10¾″	3.30

MAZDA CONCENTRATED FILAMENT LAMPS



Style PS



Style G

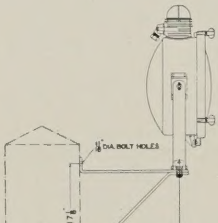
Mazda C concentrated filament incandescent lamps listed below are designed especially for use in Golden Glow floodlight projectors equipped with 10, 14, 20 or 24-inch reflectors, and for other classes of service where the source of illumination must be concentrated in a very limited space and brought to the exact focal point of the reflector.

All lamps having style PS bulb may be burned in any position, while all lamps having style P or G bulbs can be burned in any position except within 45 degrees of the vertical base up.

List No.	Total Watts	Voltage	Style Bulb	Base	Light Centre Lgth.	Overall Lgth	Std. Pkg.	List Price Each
44909	200	115	PS-30	Med.	6″	8⅛″	24	$ .80
23356	300	115	PS-35	Mog.	7″	9 7/16″	24	1.25
22514	500	115	PS-40	Mog.	7″	9 13/16″	12	2.00
28287	250	115	G-30	Med.	3″	5⅛″	24	1.75
*29353	400	115	G-30	Med.	3″	5⅛″	24	3.50
22133	500	115	G-40	Mog.	4¼″	7 1/16″	12	3.25
*24414	1000	115	G-40	Mog.	5 3/16″	7 1/16″	12	6.75
*29220	1500	115	G-40	Mog.	5 3/16″	7⅞″	12	9.00
44917	750	115	PS-52	Mog. Cl.	9½″	13⅛″	8	3.75
44919	1000	115	PS-52	Mog. Cl.	9½″	13⅛″	8	4.00
*20573	1500	115	PS-52	Mog. Cl.	9½″	13⅛″	8	5.50
44716	Socket adaptor of Mogul to medium base						100	.25

*Special unlisted National Mazda Lamps.

BRACKET SUPPORTS



Illustrating application of bracket support

These bracket supports form a convenient method of installing type A Golden Glow floodlight projectors before listed and are applicable for all except the type A-2430 and the fixed focus type A-1016, Nos. 28105 and 28704.

They provide means for mounting on poles or vertical surfaces and can be attached to pipe frame work.

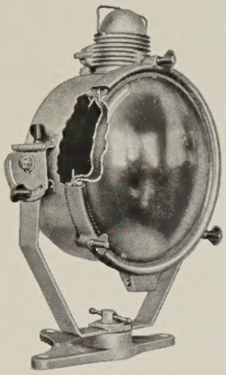
These brackets are made in two parts of 2″ x ⅜″ galvanized steel welded at the joint and tapped to receive the standard base bolts used in Golden Glow floodlights.

Listing below covers bracket support only; in arriving at the list price of projectors fitted with these brackets, deduct the list price of the base which for types A-2016 and A-1419 is $5.50 and for type A-1016 is $2.75, and add the list price of the bracket.

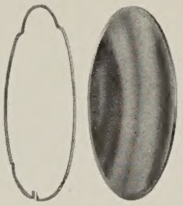
List No.		List Price Each
20319	Bracket support for types A-2016 and A-1419 projectors	$6.25
29692	Bracket support for type A-1016 projectors (except Nos. 28105 and 28704)	6.25

Golden Glow Floodlighting Projectors

COLOR SCREENS



Color Screens snap into place behind the front lens



Typical Holding Ring and Color Screen

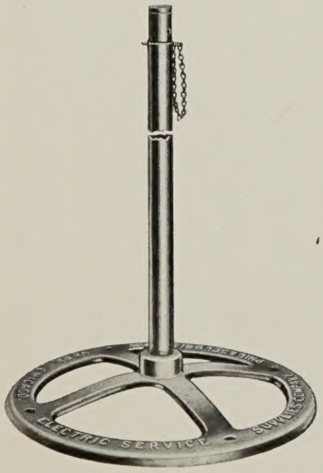
Color screens listed below are designed for use with all type A Golden Glow floodlight projectors before described. They are made of a special grade of heat resisting glass designed for the purpose and which will retain its color qualities for an indefinite period.

These screens are placed in back of the regular projector lens and can be inserted or removed without interfering with the front lens.

A snap spring holding ring is supplied with each color screen and included in the prices below.

List No.	For Type A-2430 Floodlights	List Price Each
24186	Red color screen, complete	$48.00
24187	Amber color screen, complete	48.00
24188	Blue color screen, complete	48 00
24189	Green color screen, complete	48.00
	For Type A-2016 Floodlights	
28654	Red color screen, complete	22.00
28655	Amber color screen, complete	22.00
28656	Blue color screen, complete	22.00
28657	Green color screen, complete	22.00
	For Type A-1419 Floodlights	
28684	Red color screen, complete	10.50
28685	Amber color screen, complete	10.50
28687	Blue color screen, complete	10.50
28686	Green color screen, complete	10.50
	For Type A-1016 Floodlights	
28688	Red color screen, complete	6.50
28116	Amber color screen, complete	6.50
28690	Blue color screen, complete	6.50
28689	Green color screen, complete	6.50

PEDESTAL BASES

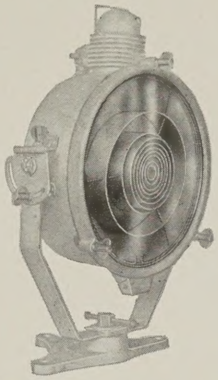


No. 27343

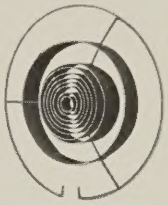
Pedestal bases may be used for converting into portable lighting units, all of the floodlighting projectors having 14 or 20-inch reflectors; thus, they are used for various classes of industrial service, dock and construction work. They are made with heavy cast iron bases, 20 inches in diameter, and are adjustable in height from a minimum of 40 inches to a maximum of 60 inches.

List No.		List Price Each
27343	Pedestal Base	$18.90

LOUVRES



Type A-1419 Floodlight fitted with Louvre



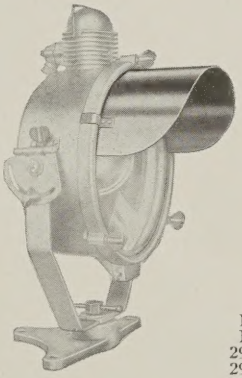
No. 29835

Circular louvres are used in connection with floodlights where it is desired to eliminate all stray light, leaving only the main beam. By this method absolute control of the light output of the unit is secured by maintaining all of the light flux within the beam limit.

Golden Glow louvres consist of a series of concentric sheet steel rings so designed and located that the maximum amount of light will be retained. These rings are mounted on wire supports and a wire ring in such a way that the complete louvre can be snapped into position in the front door, back of the front lens, and may be readily removed without the use of tools. The entire louvre is coated with a light absorbing, flat black, high heat resisting paint.

List No.		List Price Each
28352	Louvre for type A-2430 Golden Glow projector	$12.50
28367	Louvre for type A-2016 Golden Glow projector	10.00
29835	Louvre for type A-1419 Golden Glow projector	8.00
29985	Louvre for type A-1016 Golden Glow projector	6.00

VISORS



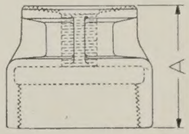
Visors listed below are for use in connection with types A-2430, A-2016, A-1419 and A-1016 Golden Glow floodlight projectors before listed.

These visors are made of sheet aluminum and clamp into position over the edge of the door as illustrated and therefore may be attached or removed without the use of tools. Being made of aluminum they will not corrode and are light in weight.

List No.		List Price Each
29953	Visor for type A-2430 floodlights	$7.50
29305	Visor for type A-2016 floodlights	6.00
29273	Visor for type A-1419 floodlights	4 80
29287	Visor for type A-1016 floodlights	3.80

PIPE BASES

No. 29650



Dimension Diagram

Pipe base fittings are for mounting types A-2016, A-1419 and A-1016 Golden Glow floodlight projectors (with the exception of the fixed focus type), on the top of a length of standard pipe and are tapped to receive pipe of the sizes as given in the listing. These pipe base fittings are made of malleable iron and are galvanized.

List No.		For Floodlight Type	Standard Pipe Tapping	Dimension A	List Price Each
29650	Pipe Base	A-1016	1½″	2¾″	$2.75
29648	Pipe Base	A-1016	2″	2¾″	4.50
24139	Pipe Base	A-1016	2½″	3⅜″	5.50
24140	Pipe Base	A-1016	3″	3½″	5.50
29211	Pipe Base	A-1419, A-2016	2½″	3⅜″	5.50
29355	Pipe Base	A-1419, A-2016	3″	3½″	5.50

Golden Glow Lantern-Floodlights

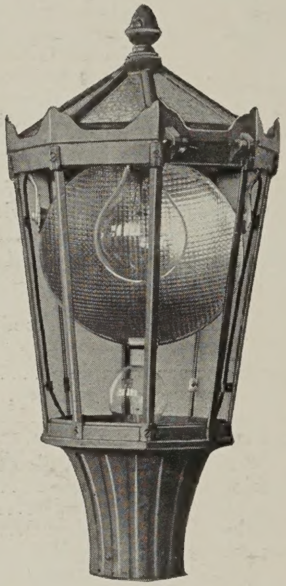
Illustration shows night view of the Broadway Trust Company, Camden, New Jersey illuminated using 14 Golden Glow lantern floodlights mounted on 7-11 foot standards.

GOLDEN GLOW lantern floodlights differ from the usual type of floodlighting projectors listed on preceding pages. The floodlighting equipment is ingeniously mounted within ornamental lanterns which in turn are mounted on street lighting standards.

They are applicable to numerous floodlighting projects, including bank buildings, store fronts and gasoline service stations.

They are mounted on standards installed at the curb line to illuminate medium size buildings or ground areas and provide very efficient illumination. They are widely used where space is limited and where the ornamental effect of the lantern is desirable. They eliminate the necessity of placing projectors on buildings "across the street," and the use of separate meters, and can be wired and controlled from the buildings they illuminate.

The Golden Glow lantern floodlights are completely listed in our bulletin No. 260 which will be sent upon request.



Showing method of mounting adjustable floodlighting equipment within a type L-1419 lantern. The glass panels have been removed in this illustration.

Numerous oil companies use Golden Glow Lantern-Floodlights to attract patronage.
(Equipment illustrated—6 type L-918 lantern-floodlights mounted on 10-foot standards. Size of plot approximately 65 feet x 75 feet.)

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